

TWIC

Transportation Worker Identification Credential

Overview



**Transportation
Security
Administration**

TWIC Program

Vision

Improve the security of identity management by establishing a national system wide common credential, universally acceptable across all transportation modes, for all personnel whose duties require unescorted physical and/or logical access to secure areas of the transportation system.

Goals

- Improve security
- Enhance commerce
- Protect personal privacy



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Threat

Individuals with Evil Intent May Gain Access to Secure Areas of The Transportation System by Compromising Current Identity Management and Access Control Systems

■ Potential Methods Employed

- Falsifying identity to obtain valid credential
- Obtaining valid credential without a background check
- Stealing, or otherwise obtaining, a valid credential that allows access without secondary protection (i.e., biometric)
- Tampering with, or creating a counterfeit credential
- Using a properly issued credential subsequent to being identified as a terrorist threat



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Scope of TWIC

The TWIC is designed to be a tool
to be used for identity authentication.

- Possession of a valid TWIC allows the holder access only into areas to which they have been granted privileges by the local asset owner.
- Only individual facilities grant access through their access control systems. Facilities control who is granted access to secure areas at their site and what level of access is granted.
- The TWIC program will provide an alert to facilities concerning card holders who have had their credential revoked and would no longer be eligible for unescorted access in secure areas.



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Driven by Legislation & Standards

- The TWIC Program provides a standards-based technical infrastructure for implementing requirements of legislation
 - Aviation and Transportation Security Act (ATSA);
 - Section 106 - Improved Airport Perimeter Access Security
 - Maritime Transportation Security Act of 2002 (MTSA);
 - Section 70105 Transportation Security Cards
 - Homeland Security Presidential Directive – 12 (HSPD-12)
 - Common Standard for Federal Employees/Contractors
 - NIST Federal Information Processing Standards Publication -- FIPS 201
 - Personal Identification Verification of Fed Employees/Contractors used by industry

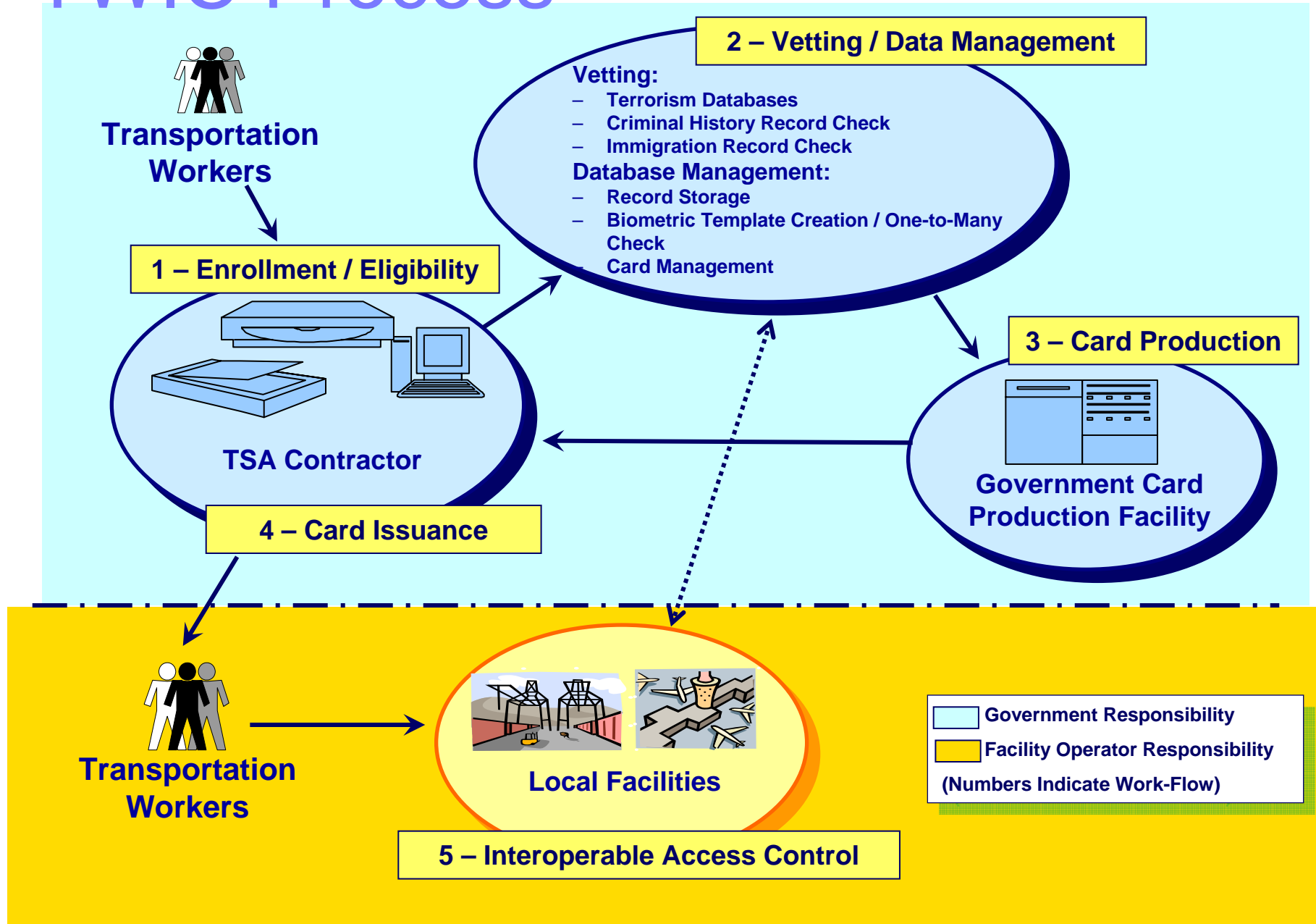


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TWIC Solution

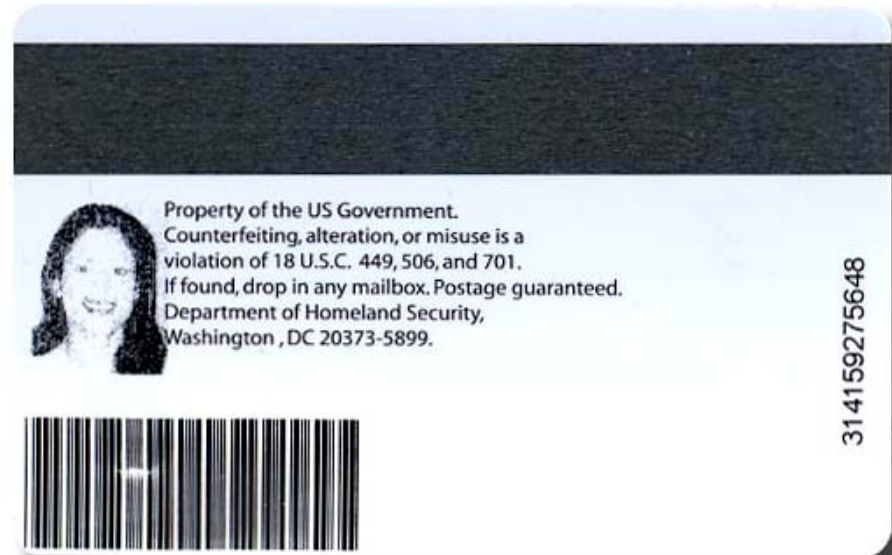
- Robust System Design using commercial applications
 - **Enhanced Security**
 - Easy-to-recognize on-card security features
 - Allows facilities to tailor solution to meet their needs
 - Compliance with established security standards
 - Revocation alerts
 - **Facilitates Commerce**
 - Single credential to access multiple facilities
 - Seamlessly integrates with existing security systems
 - **Protects Personal Privacy**
 - Limited personal information stored on the credential
 - Security policies conform with Privacy Act
 - Information securely encrypted in transit & in storage

TWIC Process



Card Security Features

Sample prototype card shown, production card will differ in appearance

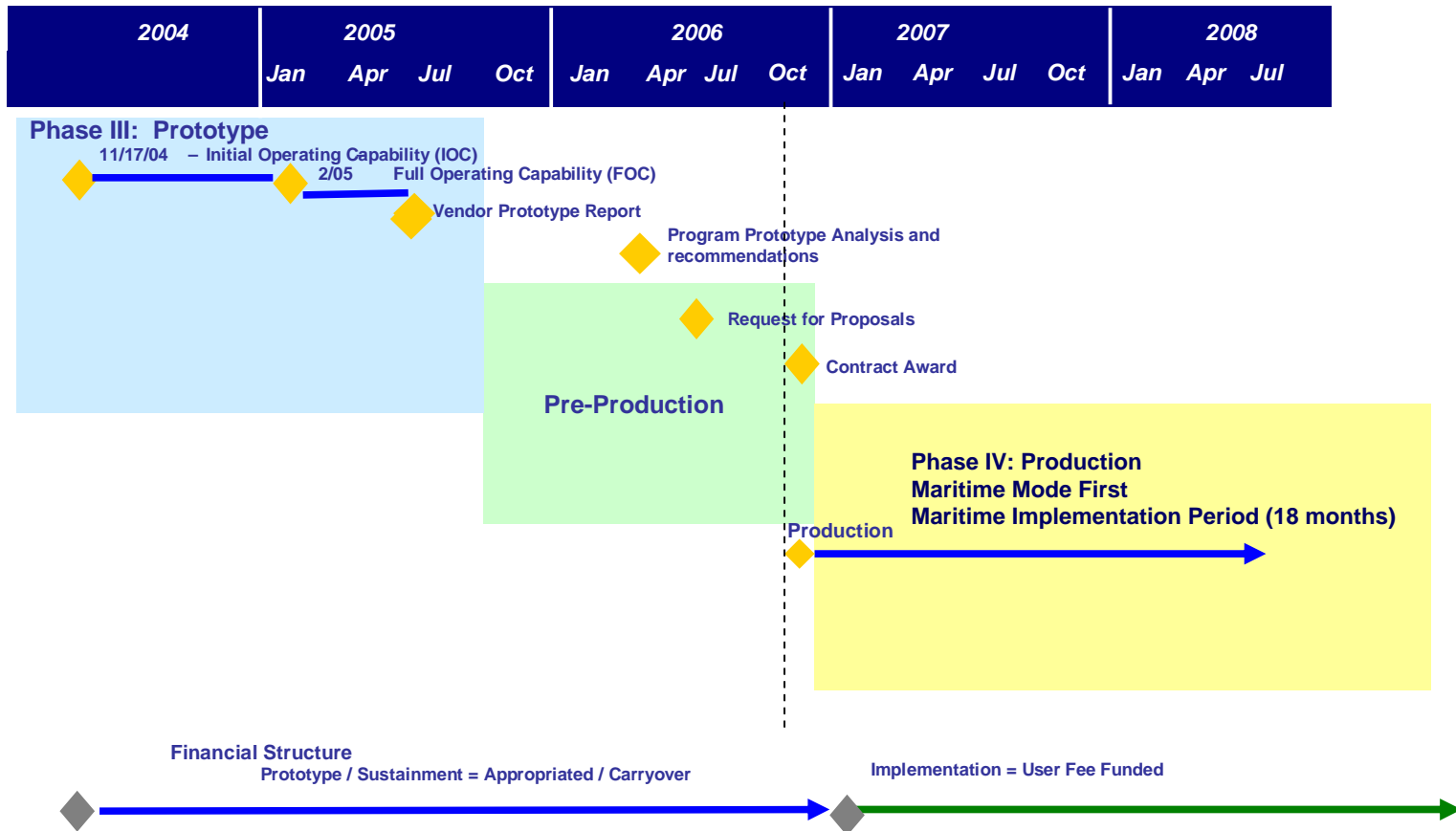


Memory chip carries individual's unique biometric for identity match at reader. If the secured data doesn't match the individual's fingerprint, or the facility has not opened access to the individual the card **cannot be used**.



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TWIC Schedule



For additional information...

www.tsa.gov/twic

or

E-mail the TWIC Program Office at

Credentialing@dhs.gov



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